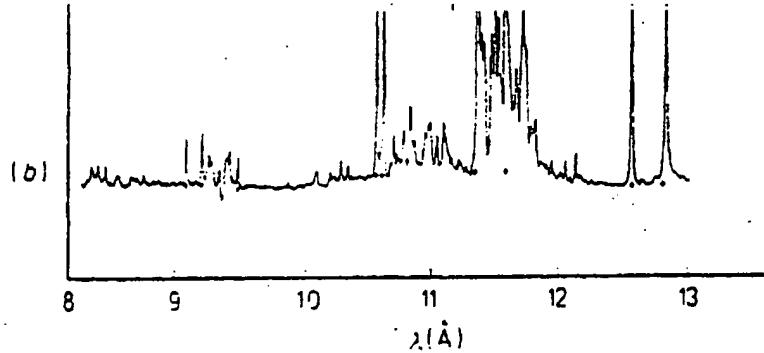


Fig. 1a  
(prior  $\Delta E$ )

Spectra of Copper (Cu) target irradiated under similar  
Scale: note  $10 \text{ \AA} = 1 \text{ nm}$

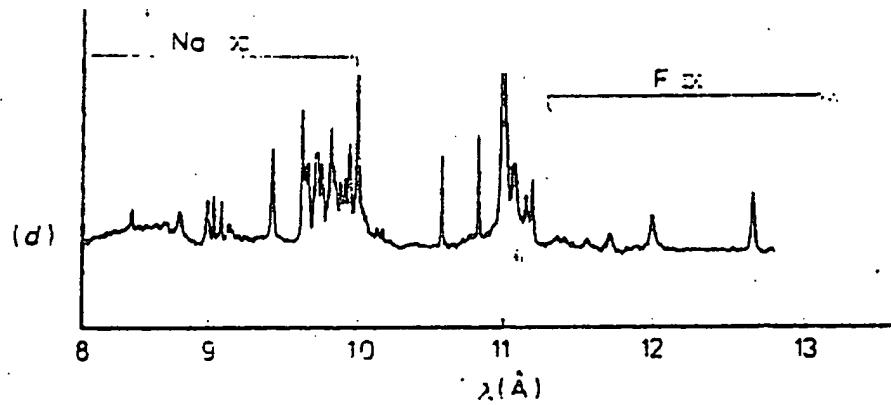


Taken from T. P. Donalson, et al J. Phys. B 9, 1645, (1976)

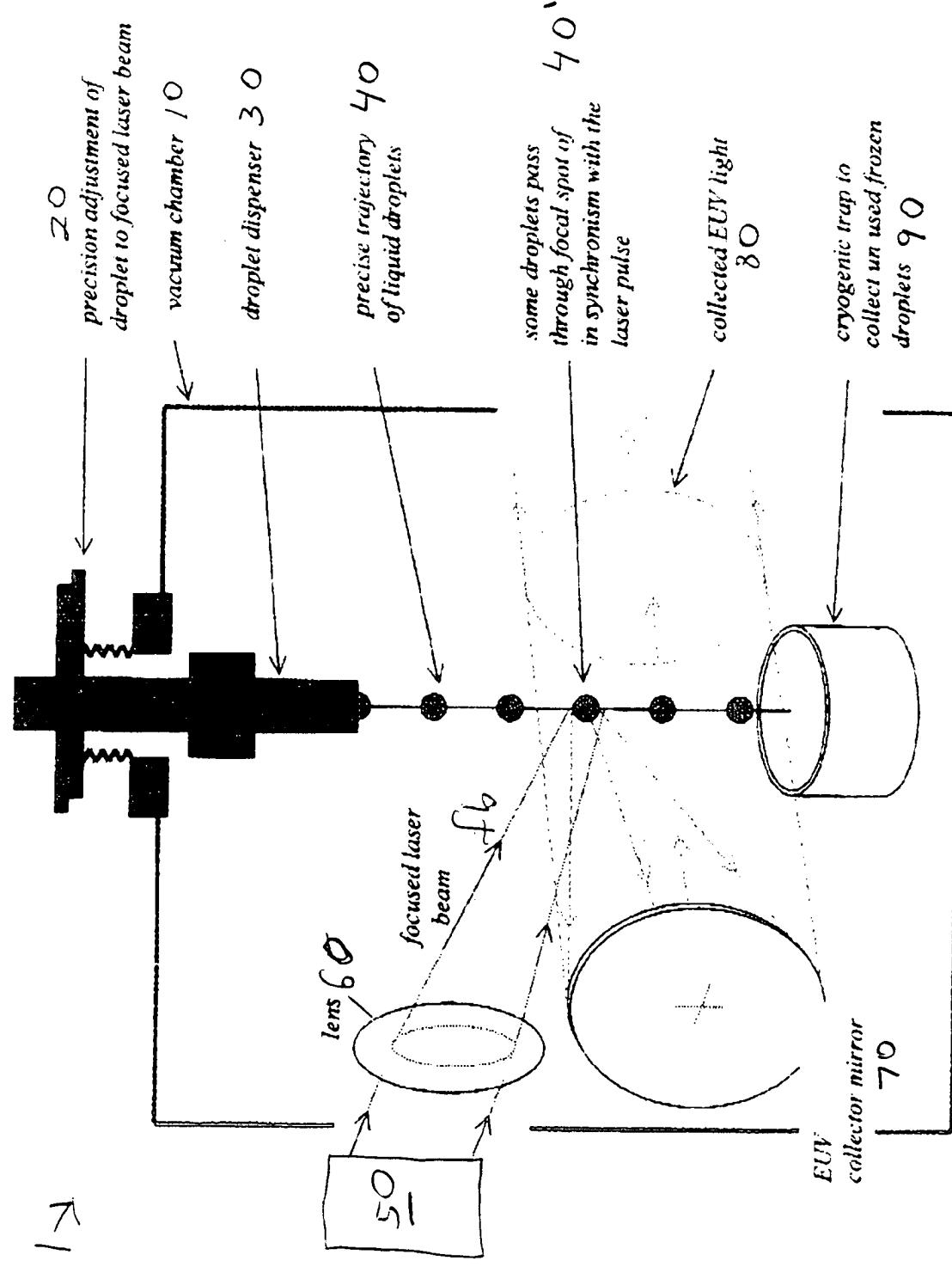
Fig. 1b  
(prior Art)

### *Spectra of Zinc (Zn) target irradiated under similar*

Scale: note  $10 \text{ A} = 1 \text{ nm}$



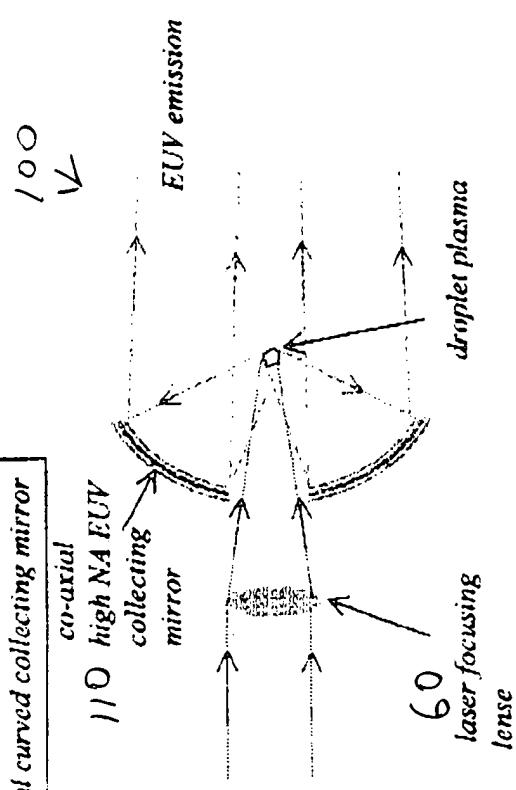
Taken from T. P. Donalson, et al J. Phys. B 9, 1645, (1976)

**Fig. 2** Principal components of embodiment**Fig. 2**

T0411T20 = 029T8860

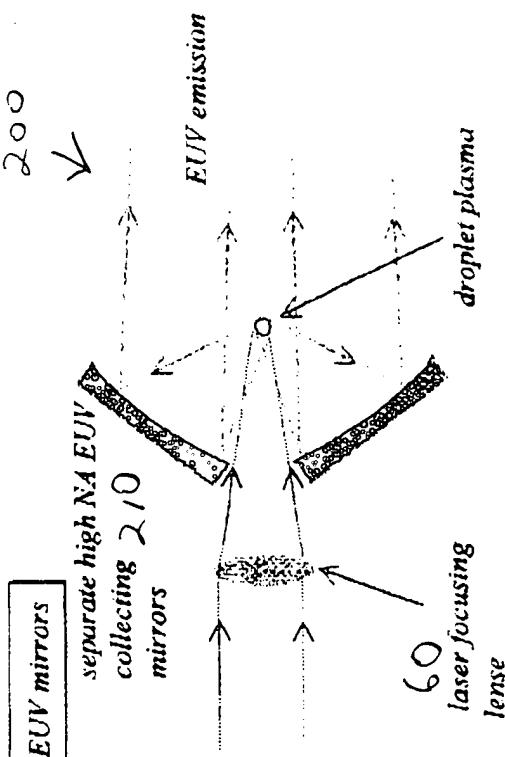
**Fig. 3 Possible embodiments of the EUV emission collecting geometry**

**3a. Coaxial collecting mirror**



**Fig. 3a**

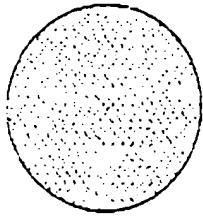
**3b. Multiple EUV mirrors**



**Fig. 3b**

## Molecular liquids or mixtures of molecules

Molecular liquid or mixture of elemental and molecular liquids



Examples:



$MCl \cdot H_2O$  ( $M = Al - Bi$ ) (eg:  $SnCl \cdot H_2O$ ,  $CuCl \cdot H_2O$  etc)

organometallic liquids.

Fig. 5

Comparative EUV spectra in the region of 13 nm for water droplet targets and  $\text{SrCl}\cdot\text{H}_2\text{O}$  liquid droplet targets

(dotted line illustrates appropriate spectral bandpass of a typical high reflection EUV mirror)

Fig. 5a

EUV spectra of water droplet target

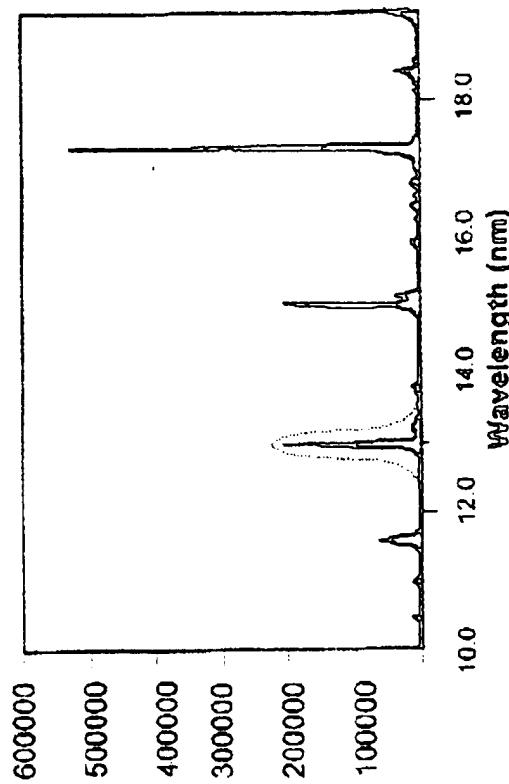


Fig. 5a

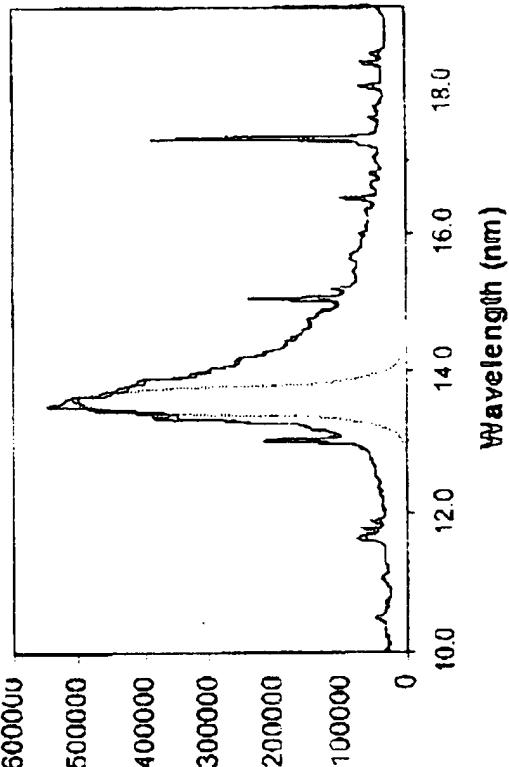


Fig. 5b